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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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10/510,298

10/06/2004

Johannus Wilhelmus Weekamp

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01/18/2007

PHILIPS INTELLECTUAL PROPERTY & STANDARDS

P.O. BOX 3001

BRIARCLIFF MANOR, NY 10510

EXAMINER

GETACHEW, ABIY

ART UNIT

PAPER NUMBER

2841

| SHORTENED STATUTORY PERIOD OF RESPONSE | MAIL DATE | DELIVERY MODE |
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3 MONTHS

01/18/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/510,298

Applicant(s)

WEEKAMP, JOHANNUS
WILHELMUS

Examiner

Abiy Getachew

Art Unit

2841

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 November 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 7-11 is/are pending in the application.
- 4a) Of the above claim(s) 1-6 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 7-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 06 October 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 06/27/2005.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

Election/Restrictions

1. Applicant's election without traverse of Group I, claims 7-11, drawn to Electronic Device, classified in class 174 Subclass 261. In the reply filed on 11/13/2006 is acknowledged.

Claims 1-6 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected method for installing a removable panel to portable electronic device, classified in class 29 subclass 852. There being no allowable generic or linking claim. Election was made **without** traverse during the phone conversation with Michael E. Marign on 11/13/2006.

The restriction requirement is deemed proper and made **final**.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 7-11 rejected under 35 U.S.C. 102(b) as being anticipated by Makamura et.al. (6,882,544 B2)

Regarding claim 7, Makamura et.al. discloses an electronic device (10) comprising a substrate (130) with an electrical element (14) on its first side which

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element comprises a first (20) and a second electrode (21) which are connected to a metallization (13) by electrical contacts (112) and electrodes (20,21) of further electrical elements (14), the electronic device (10) further comprising an inductive element (120), characterized in that the inductive element (120) is defined in an electroconductive (120) patterned layer (See figure 7) which is located on the first side of the substrate (130) and which is electroconductively connected to the metallization (11), isolating (15) material being present between said substrate and the patterned layer in which isolating (115) material the patterned layer (120) has been mechanically embedded.

[Column 14 paragraph 2 lines 6-35] [Column 13 paragraph 3 lines 19-26]

In regards claim 8 as applied the above claim Makamura et.al. discloses, characterized in that the patterned (120) layer extends in a plane parallel (See figure 70 to the first side beyond the substrate (130) and contact pads (105) for external contacting of the electronic device and the isolating material in essence completely envelops the substrate (130). (See the abstract)

In regards claim 9 as applied the above claim Makamura et.al. discloses, characterized in that the patterned (120) layer is situated between the isolating material (15) and additional layers (130) in which vertical interconnect areas (vias) (19) are defined. (See figure 7) [Column 15 paragraph 11 lines 47-52]

In regards claim 10 as applied the above claim Makamura et.al. discloses, characterized in that the metallization (11) along a boundary face with the isolating material (15) includes an inductive element (12) which is situated substantially opposite

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the inductive element (12) in the patterned layer (120), the inductive elements (12) together forming a strip line. (See figure 7)

In regards claim 10 as applied the above claim Makamura et.al. discloses, characterized in that the substrate (130) comprises a semiconductor material (See figure 7) selected from the group of III-V and II-VI connectors and in that the electrical element (14) is a semiconductor element. (Semiconductor elements mounted on the circuit substrate 130) (The Group III-V compound semiconductor contains a Group III element and a Group V element of the Periodic Table as principal components, and contains also 0.1 atom % to 40 atom % of hydrogen atoms and 100 ppm to 20 atom %, based on the sum of the atomic numbers of the Group III element and the Group V element, of at least one element selected from among Be, Mg, Ca, Zn and Sr.)

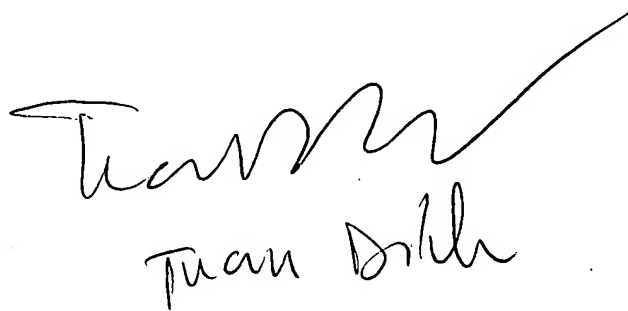
Correspondence

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Abiy Getachew whose telephone number is (571) 272 6932. The examiner can normally be reached on Monday to Friday 8Am to 4:30Pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Reichard Dean can be reached on (571) 272-1984. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Tuan Dinh

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11/27/06

A.G.